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**From:** Wirick, Holiday [wirick.holiday@epa.gov]  
**Sent:** 3/31/2020 4:12:39 PM  
**To:** Clark, Amy [Clark.Amy@epa.gov]  
**CC:** Zhang, Qian [Zhang.Qian@epa.gov]  
**Subject:** Re: Wulf Cattle Permit Receiving Water Question  
**Attachments:** SRST WQS regs Nov 2015 draft.doc

Hi Amy and Qian, attached is the latest version of Standing Rock's WQS that I have from November, 2015.

Ronnette Chase Alone, Standing Rock's WQS lead, said she will send me the most current version that went out for public comment. Ronni said she's not sure if the WQS have been updated since 2015. If so, I'll forward them to you when I get them.

Thanks – and take care. I hope to see you guys soon.

Holly

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**From:** Clark, Amy <Clark.Amy@epa.gov>  
**Sent:** Tuesday, March 31, 2020 9:47 AM  
**To:** Wirick, Holiday <wirick.holiday@epa.gov>  
**Cc:** Zhang, Qian <Zhang.Qian@epa.gov>  
**Subject:** RE: Wulf Cattle Permit Receiving Water Question

Holly - I think the most current version from the Tribe would be useful. We used their "standards" previously to characterize the receiving water (classification and uses) in a permit (see below in italics). The permit does not have any numeric effluent limits. I wrote the previous permit (~2013) but Qian is working on the renewal.

2013 Permit Language

*"The closest named water stream is Oak Creek. The Standing Rock Sioux Tribe Reservation classifies Oak Creek as a class II water. The creek has the following designated uses: Recreation, Aquatic life harvesting, and Agricultural."*

Hope you are safe and healthy!

Thanks,

*Amy Clark* / Produced Water Lead - Water Division / USEPA Region 8 / 303.312.7014

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**From:** Wirick, Holiday <wirick.holiday@epa.gov>  
**Sent:** Tuesday, March 31, 2020 9:35 AM  
**To:** Clark, Amy <Clark.Amy@epa.gov>  
**Cc:** Zhang, Qian <Zhang.Qian@epa.gov>  
**Subject:** RE: Wulf Cattle Permit Receiving Water Question

Hi Amy, Standing Rock does not yet have tribally-adopted Water Quality Standards, but they are working on it.

I just spoke with the Water Quality Standards lead at the tribe and asked her to send me the most current version of the WQS that are going to be presented to the committee for approval. I'm not sure if that would be helpful to you or Qian. I have a draft from 2015 but I'm sure if it's the most current version of the Tribe's standards.

Thanks,  
Holly Wirick  
Water Quality Section  
312-6238

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**From:** Clark, Amy <[Clark.Amy@epa.gov](mailto:Clark.Amy@epa.gov)>  
**Sent:** Tuesday, March 31, 2020 9:02 AM  
**To:** Wirick, Holiday <[wirick.holiday@epa.gov](mailto:wirick.holiday@epa.gov)>  
**Cc:** Zhang, Qian <[Zhang.Qian@epa.gov](mailto:Zhang.Qian@epa.gov)>  
**Subject:** FW: Wulf Cattle Permit Receiving Water Question

Hi Holiday – Do you happen to have a copy of the Standing Rock Sioux Tribe's water quality "standards" (i.e., non-EPA approved) that have been Tribally-adopted?

Thanks,

*Amy Clark* / Produced Water Lead - Water Division / USEPA Region 8 / 303.312.7014

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**From:** Zhang, Qian <[Zhang.Qian@epa.gov](mailto:Zhang.Qian@epa.gov)>  
**Sent:** Tuesday, March 31, 2020 7:06 AM  
**To:** Clark, Amy <[Clark.Amy@epa.gov](mailto:Clark.Amy@epa.gov)>  
**Subject:** RE: Wulf Cattle Permit Receiving Water Question

Amy,  
Do you a copy of that WQR for Standing Rock? I can't find anything on the web.

Thanks  
Qian

Qian Zhang P.E.  
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(303) 312-6267  
[Zhang.qian@epa.gov](mailto:Zhang.qian@epa.gov)

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**From:** Clark, Amy <[Clark.Amy@epa.gov](mailto:Clark.Amy@epa.gov)>  
**Sent:** Monday, March 30, 2020 4:05 PM  
**To:** Zhang, Qian <[Zhang.Qian@epa.gov](mailto:Zhang.Qian@epa.gov)>  
**Subject:** RE: Wulf Cattle Permit Receiving Water Question

Qian - If I recall correctly, I believe the Tribe has tribally-adopted WQ requirements (kind of like WRIR) that we used for stream classification/uses. They may/may not have numeric WQS as part of their WQ requirements, but I believe they do have information on stream class/use.

Let me know if you want to chat or need more information.

Thanks,

*Amy Clark* / Produced Water Lead - Water Division / USEPA Region 8 / 303.312.7014

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**From:** Zhang, Qian <[Zhang.Qian@epa.gov](mailto:Zhang.Qian@epa.gov)>  
**Sent:** Monday, March 30, 2020 3:08 PM  
**To:** Clark, Amy <[Clark.Amy@epa.gov](mailto:Clark.Amy@epa.gov)>  
**Subject:** Wulf Cattle Permit Receiving Water Question

Hi Amy,

Do you remember how we got the info. Below for the receiving water?

"The closest named water stream is Oak Creek. The Standing Rock Sioux Tribe Reservation classifies Oak Creek as a class II water. The creek has the following designated uses: Recreation, Aquatic life harvesting, and Agricultural."

I thought this reservation does not have TAS and adopted WQS.

Thanks

Qian

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